(corresponding to from pages 64 to 70 of the English translation of the PCT Application as filed)

CLAIMS

1. (Cancelled)

2. (Amended) A method of converting code which converts first codes based on a first system to second codes based on a second system, comprising:

obtaining data of first linear prediction coefficients from said first codes;

obtaining data of first excitation signal from said first codes;

storing said data of first linear prediction coefficients;

storing said data of first excitation signal;

calculating data of first linear prediction coefficients from past data of first linear prediction coefficients which are stored;

calculating data of first excitation signal from past data of first excitation signal which are stored;

obtaining data of second linear prediction coefficients from said data of first linear prediction coefficients; and

obtaining data of second excitation

signal from said data of first excitation signal,

wherein when said first codes are unavailable, said second codes are obtained by directly using speech parameters which are ever decoded in accordance with said first system and are stored.

3. The method of converting code according to claim 2, comprising:

generating a first speech signal by driving a filter having any of first linear prediction coefficients derived from said data of first linear prediction coefficients and second linear prediction coefficients derived from said data of second linear prediction coefficients by using a first excitation signal derived from said data of first excitation signal; and

obtaining data of second excitation signal from said first speech signal and any of said first linear prediction coefficients and said second linear prediction coefficients.

4. The method of converting code according to claim 2 or 3,

wherein said data of excitation signal includes any of an adaptive codebook data, a

fixed codebook data and a gain data.

5. (Cancelled)

6. (Amended) A code conversion apparatus, which converts first codes based on a first system to second codes based on a second system, comprising:

a linear prediction coefficients data decoding circuit configured to obtain data of first linear prediction coefficients from said first codes;

an excitation signal data decoding circuit configured to obtain data of first excitation signal from said first codes;

a linear prediction coefficients data storage circuit configured to store said data of first linear prediction coefficients;

an excitation signal data storage circuit configured to store said data of first excitation signal;

a linear prediction coefficients data calculating circuit configured to calculate data of first linear prediction coefficients from past data of first linear prediction coefficients which are stored;

an excitation signal data calculating

circuit configured to calculate data of first excitation signal from past data of first excitation signal which are stored;

a linear prediction coefficients data encoding circuit configured to obtain data of second linear prediction coefficients from said data of first linear prediction coefficients; and

an excitation signal data generating circuit configured to obtain data of second excitation signal from said data of first excitation signal,

wherein when said first codes are unavailable, said second codes are obtained by directly using speech parameters which are ever decoded in accordance with said first system and are stored.

7. The code conversion apparatus according to claim 6, comprising:

a partial decoding circuit configured to generate a first speech signal by driving a filter having any of first linear prediction coefficients derived from said data of first linear prediction coefficients and second linear prediction coefficients derived from said data of second linear prediction coefficients by

using a first excitation signal derived from said data of first excitation signal; and

an excitation signal data generating circuit configured to obtain data of second excitation signal from said first speech signal and any of said first linear prediction coefficients and said second linear prediction coefficients.

8. The code conversion apparatus according to claim 6 or 7,

wherein said data of excitation signal includes any of an adaptive codebook data, a fixed codebook data and a gain data.

9. (Cancelled)

10. (Amended) A program that causes a computer to perform processes, said computer serving as a code conversion apparatus which converts first codes based on a first system to second codes based on a second system,

said processes comprising:

a process of obtaining data of first linear prediction coefficients from said first codes;

a process of obtaining data of first

excitation signal from said first codes;

a process of storing said data of first linear prediction coefficients;

a process of storing said data of first excitation signal;

a process of calculating data of first linear prediction coefficients from past data of first linear prediction coefficients which are stored;

a process of calculating data of first excitation signal from past data of first excitation signal which are stored;

a process of obtaining data of second linear prediction coefficients from said data of first linear prediction coefficients; and

a process of obtaining data of second excitation signal from said data of first excitation signal,

wherein when said first codes are unavailable, said second codes are obtained by directly using speech parameters which are ever decoded in accordance with said first system and are stored.

11. (Amended) The program according to claim 10,

wherein said processes comprising:

a process of generating a first speech signal by driving a filter having any of first linear prediction coefficients derived from said data of first linear prediction coefficients and second linear prediction coefficients derived from said data of second linear prediction coefficients by using a first excitation signal derived from said data of first excitation signal; and

a process of obtaining data of second excitation signal from said first speech signal and any of said first linear prediction coefficients and said second linear prediction coefficients.

12. (Amended) The program according to claim 10 or 11,

wherein said data of excitation signal includes any of an adaptive codebook data, a fixed codebook data and a gain data.

13. (Amended) A recording medium storing the program according to any of claims 10 to 12.